

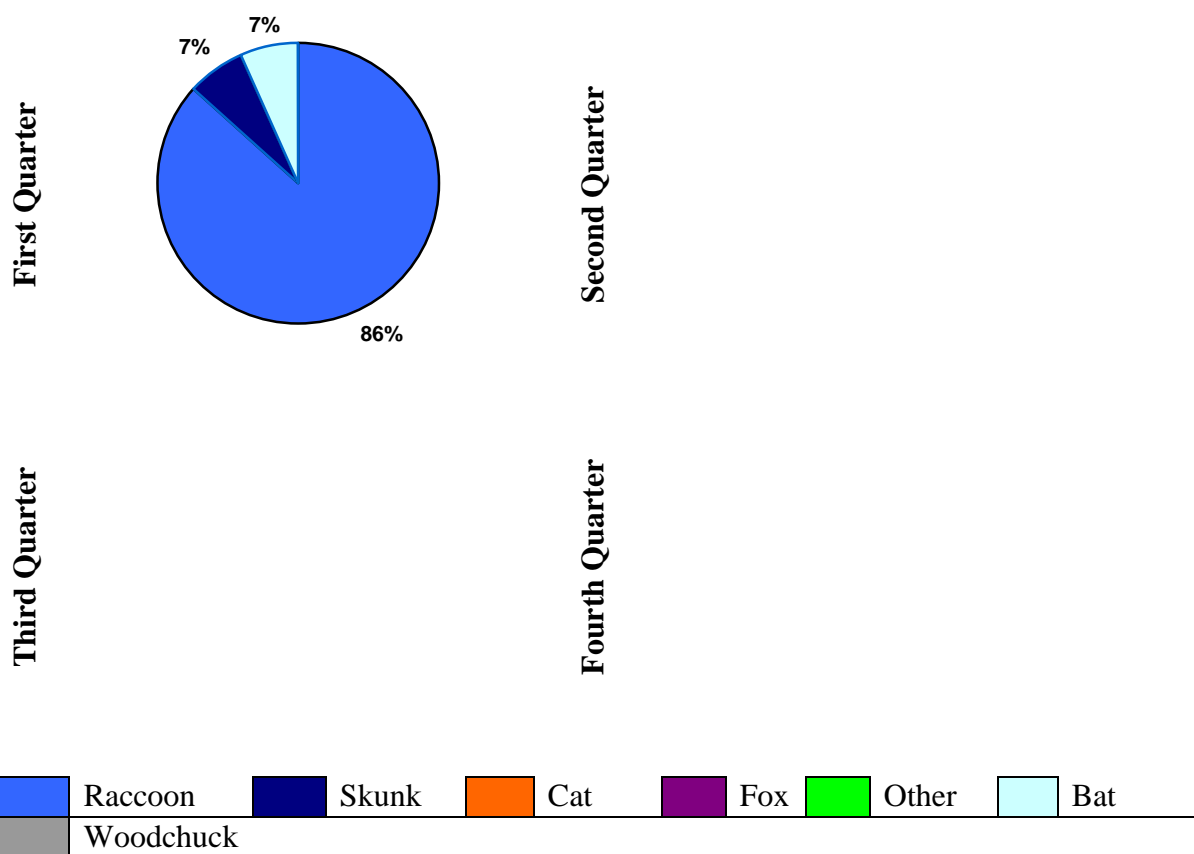
2015 Rabies Quarterly Summary Massachusetts Department of Public Health

The following report summarizes data collected on animal specimens sent to the William A. Hinton State Laboratory Institute (HSLI) for rabies testing from January to March 2015. Cumulative reports summarizing rabies testing from 1992-2002 and annual reports from 2003 to 2014 are available on the MDPH website and can be found through www.mass.gov/dph/rabies

Number of Submissions and Positive Results by Species

Table 1. Number of Animals Positive for Rabies/Animals Submitted (%), 2015						
Animal	1 st Quarter		2 nd Quarter	3 rd Quarter	4 th Quarter	Total 2015
Raccoon	13/18	(72.0%)				13/18 (72.0%)
Skunk	1/7	(14.3%)				1/7 (14.3%)
Cat	0/125	(--)				0/125 (--)
Fox	0/4	(--)				0/4 (--)
Woodchuck	0/0	(--)				0/0 (--)
Bat	1/103	(1.0%)				1/103 (1.0%)
Cow	0/1	(--)				0/1 (--)
Coyote	0/2	(--)				0/2 (--)
Dog	0/112	(--)				0/112 (--)
Bobcat	0/0	(--)				0/0 (--)
Other	0/11	(--)				0/11 (--)
TOTAL	15/383	(3.9%)				15/383 (3.9%)

Figure 1. Proportion of All Positive Results Represented by Each Species, by Quarter



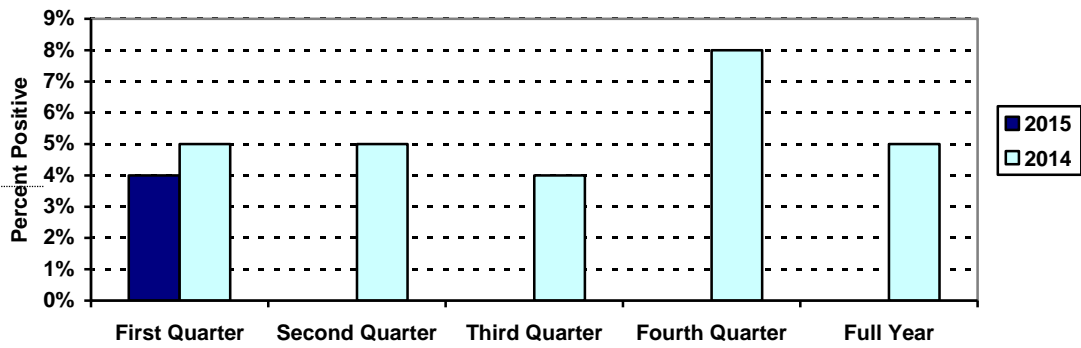
Number of Submissions and Positive and Unsatisfactory* Results by Month

Table 2. Submissions, Number Positive and Unsatisfactory for Rabies, and Percent Positive and Unsatisfactory by Month and Animal Type, 2014 and 2015										
	TERRESTRIAL ANIMALS									
Month	Submitted 2015	Unsatisfactory 2015		Positive 2015		Submitted 2014	Unsatisfactory 2014		Positive 2014	
January	84	1	0%	3	3.6%	123	0	0%	9	7.3%
February	97	1	1.1%	4	4.1%	93	1	1.1%	7	7.5%
March	99	4	3.1%	7	7.1%	130	4	3.1%	8	6.2%
April						129	4	3.1%	11	8.5%
May						149	4	2.7%	11	7.4%
June						153	7	4.6%	4	2.6%
July						182	7	3.9%	6	3.3%
August						182	7	3.9%	13	7.1%
September						137	5	3.7%	11	8.0%
October						150	2	1.3%	16	10.7%
November						104	2	1.9%	4	3.9%
December						112	4	3.6%	8	7.1%
TOTAL	280	6	2.1%	14	5.0%	1644	47	1.7%	108	3.8%

Table 2a. Submissions, Number Positive and Unsatisfactory for Rabies, and Percent Positive and Unsatisfactory by Month and Animal Type, 2014 and 2015										
	BATS									
Month	Submitted 2015	Unsatisfactory 2015		Positive 2015		Submitted 2014	Unsatisfactory 2014		Positive 2014	
January	41	0	0%	0	0%	45	3	6.7%	0	0%
February	25	5	20.0%	0	0%	29	1	3.5%	0	0%
March	37	1	2.7%	1	2.7%	39	4	10.3%	1	2.6%
April						43	7	16.3%	1	2.3%
May						61	4	6.6%	4	6.6%
June						163	14	8.6%	6	3.7%
July						192	15	7.8%	3	1.6%
August						493	50	10.1%	14	2.8%
September						44	12	27.3%	5	11.4%
October						24	3	12.5%	4	16.7%
November						24	1	4.2%	2	8.3%
December						18	2	11.1%	0	0%
TOTAL	103	6	5.8%	1	1.0%	1175	116	4.1%	40	1.4%

* An unsatisfactory test result indicates that the specimen was unsuitable for testing. The most common reason for an unsatisfactory result is a specimen that is too decomposed to test.

Figure 2. Percent Positive of All Submissions by Quarter, by Year



Submissions and Positive Results by County

County	1st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter	Cumulative
Barnstable	0/10 (0%)				0/10 (0%)
Berkshire	0/8 (0%)				0/8 (0%)
Bristol	0/22 (0%)				0/22 (0%)
Dukes	0/0 (0%)				0/0 (0%)
Essex	3/43 (7.0%)				3/43 (7.0%)
Franklin	1/9 (11.1%)				1/9 (11.1%)
Hampden	1/34 (2.9%)				1/34 (2.9%)
Hampshire	0/7 (0%)				0/7 (0%)
Middlesex	2/97 (2.1%)				2/97 (2.1%)
Nantucket	0/0 (0%)				0/0 (0%)
Norfolk	3/50 (6.0%)				3/50 (6.0%)
Plymouth	2/26 (7.7%)				2/26 (7.7%)
Suffolk	1/29 (3.4%)				1/29 (3.4%)
Worcester	2/48 (4.2%)				2/48 (4.2%)

Figure 3. Number of Animals Submitted for Rabies Testing by County, 2015

